



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Alex A. Behfar et al.) Art Unit: 2828
Application No. : 10/802,734) Examiner:
Filed : March 18, 2004)
For : High SMSR)
Unidirectional Etched)
Lasers and Low)
Back-Reflection)
Photonic Device)
)

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.97 and 1.98, applicants hereby submit the documents listed on the attached PTO-1449.

Copies of the listed patents have not been furnished, but will be provided upon request. Copies of the listed publications are attached.

Respectfully submitted,

Alex A. Behfar et al.
Applicant

JONES, TULLAR & COOPER, P.C.
Attorneys for Applicant


George M. Cooper
Reg No. 20,201

June 15, 2004
JONES, TULLAR & COOPER, P.C.
P.O. Box 2266 Eads Station
Arlington, Virginia 22202
(703) 415-1500
Attorney Docket: 10/802,734

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

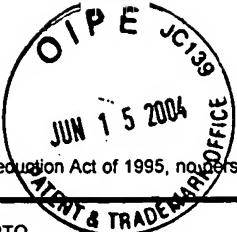
<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p>	
				Application Number	10/802,734
				Filing Date	03/18/2004
				First Named Inventor	Alex A. Behfar et al.
				Group Art Unit	2828
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	BIN 9

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/802,734
Filing Date	3/18/2004
First Named Inventor	Alex A. Behfar
Art Unit	2828
Examiner Name	n/a

Attorney Docket Number

BIN-9

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	"DFB Laser with Attached External Intensity Modulator," Dietrich Marcuse, Fellow, IEEE; IEEE Journal of Quantum Electronics, Vol. 26, No. 2, February 1990	
	2	"Analysis and Design of Coupled-Cavity Lasers-Part 1: Threshold Gain Analysis and Design Guidelines," Larry A. Coldren, Fellow, IEEE, and T.L. Koch; IEEE Journal of Quantum Electronics, Vol. QE-20, No. 6, June 1984	
	3	"Etched Facet AlGaAs triangular-shaped ring lasers with output coupling," A. Behfar-Rad, J.M. Ballantyne, S.S. Wong; Appl. Phys. Lett. 59 (12), 16 September 1991	

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.